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FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 800.00)

Complete if Known

Application Number	
Filing Date	September 24, 1999
First Named Inventor	Sang-Burn KIM
Examiner Name	
Group / Art Unit	
Attorney Docket No.	678-362 (P8931)

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 04-1121
Deposit Account Name Dilworth & Barrese

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 760	201 380	Utility filing fee	\$760.00
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 760	208 380	Reissue filing fee	
114 150	214 75	Provisional filing fee	
SUBTOTAL (1) (\$ 760.00)			

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
20	-20** = 0	x \$18	=\$0
Independent Claims 3	- 3** = 0	x \$78	=\$0
Multiple Dependent		\$260	=\$0

** or number previously paid, if greater. For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 0.00)		

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	\$40
146 760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	
149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			
Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$ 40.00)	

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Paul J. Farrell	Reg. Number	33,494
Signature		Date	9/24/99

Deposit Account User ID 04-1121

CERTIFICATION UNDER 37 C.F.R. § 1.10 I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL393559637US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: September 24, 1999

Kevin Ecker

09/24/99



102675 U.S. PTO

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Please type a plus sign (+) inside this box →

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 678-362 (P8931)

First Inventor or Application Identifier Sang-Burn KIM

Title APPARATUS AND METHOD OF SEARCHING...

Express Mail Label No. EL393559637US

JC59/405328
09/24/99**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

<p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 27] (preferred arrangement set forth below) <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 10]</p> <p>4. Oath or Declaration [Total Pages 2] <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). </p>	<p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies </p>
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ACCOMPANYING APPLICATION PARTS

- 7. Assignment Papers (cover sheet & document(s))
- 8. 37 C.F.R. § 3.73(b) Statement Power of Attorney (when there is an assignee)
- 9. English Translation Document (if applicable)
- 10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
- 11. Preliminary Amendment
- 12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- 13. Small Entity Statement(s) Statement filed in prior application, (PTO/SB/09-12) Status still proper and desired
- 14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
- 15. Other:

*NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label or Correspondence address below
(Insert Customer No. or Attach bar code label here)

Name	Paul J. Farrell, Esq.				
Address	Dilworth & Barrese 333 Earle Ovington Blvd.				
City	Uniondale	State	NY	Zip Code	11553
Country	U.S.	Telephone	(516) 228-8484	Fax	(516) 228-8516

Name (Print/Type)	Paul J. Farrell	Registration No. (Attorney/Agent)	33,494
Signature		Date	9/24/99

CERTIFICATION UNDER 37 C.F.R. § 1.10 I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL393559637US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: September 24, 1999

Kevin Ecker

PATENT
Atty. Docket No. 678-362 (P8931)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, D.C. 20231

UTILITY APPLICATION FEE TRANSMITTAL

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Sang-Burn KIM and Hye-Jeong KIM

For: APPARATUS AND METHOD OF SEARCHING FOR
PN SEQUENCE PHASE IN MULTI-CARRIER CDMA
MOBILE COMMUNICATION SYSTEM

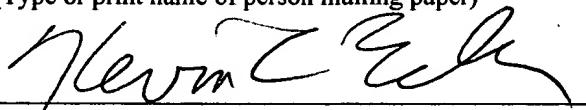
Enclosed are:

- [X] 21 page(s) of specification
- [X] 1 page(s) of Abstract
- [X] 5 page(s) of claims
- [X] 10 sheets of drawings [X] formal [] informal
- [X] 2 page(s) of Declaration and Power of Attorney
- [X] An Assignment of the invention to Samsung Electronics Co., Ltd.

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date September 24, 1999 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL393559637US addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Kevin Ecker
(Type or print name of person mailing paper)


(Signature of person mailing paper)

[] This application claims the benefit under 35 U.S.C. §119(e) of U.S. Provisional Application(s) No(s).:

APPLICATION NO(S).: FILING DATE

/ _____ / _____
/ _____ / _____

[X] Certified copy of application

<u>Country</u>	<u>Appln. No.</u>	<u>Filed</u>
Korea	39747/1998	September 24, 1998

from which priority under Title 35 United States Code, § 119
is claimed

[] is enclosed.

[X] will follow.

CALCULATION OF APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee
				\$760.00
Total Claims*	20 - 20 = 0		x \$ 18.00	\$ 0
Independent Claims	3 - 3 = 0		x \$ 78.00	\$ 0
Multiple [] yes		Add'l. Fee	\$260.00	\$ 0
Dependent Claims [X] no		Add'l. Fee	None	= \$ 0
			TOTAL	<u>\$760.00</u>

*Includes all independent and single dependent claims and all claims referred to in multiple claims.
See 37 C.F.R. § 1.75(c).

[] Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith \$_____.

[X] The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.

[X] Two checks in the amount of \$760.00 and \$40.00 to cover the [X] recording, [X] filing fee(s) is attached.

[] Charge fee to Deposit Account No. 04-1121. Order No. _____
TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

[X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: September 24, 1999



SIGNATURE OF ATTORNEY

Paul J. Farrell
Reg. No. 33,494

DILWORTH & BARRESE
333 Earle Ovington Blvd.
Uniondale, NY 11553
Tel. No. (516) 228-8484
Fax. No. (516) 228-8516